Philips
flat HDTV with Pixel Plus

50"
plasma digital cable ready

50PF7320A

Turn up your viewing experience

with Pixel Plus

Experience the superior picture quality of this excellent integrated HDTV with the latest PDP technology and Pixel Plus. It's packed into a stunning design that will complement your interior. Share music and photos via the built-in USB.

Breathtaking natural pictures
- High Definition plasma WXGA display, 1366 x 768p
- Integrated HDTV and CableCARD for unrivalled picture quality
- Enjoy HDTV that's truer than anything you've seen before
- Pixel Plus for detail, depth and clarity
- Progressive Scan component video for optimized image quality

Stylish design
- Matching stand with elegant design included

One touch convenience
- Plug & Play for easier installation

Access your digital content
- USB Connector for easy, instant multimedia playing

Leading interface for digital quality audio/video
- HDMI input for full digital HD connection in one cable

PHILIPS
sense and simplicity

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Specifications

Picture/Display
- Aspect ratio: 16:9
- Brightness: 1500 cd/m²
- Diagonal screen size: 50 inch / 127 cm
- Display screen type: Plasma HD panel
- Picture enhancement: Pixel Plus, Progressive Scan, Active Control + Light sensor, 3/2 - 2/2 motion pull down, Widescreen Plus, 3D Combfilter, Contrast Plus
- Screen enhancement: Anti ageing circuit, Anti-Reflection coated screen
- Panel resolution: 1366 x 768p
- Contrast ratio (typical): 10000:1
- Viewing angle: 160° (H) / 160° (V)

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1366 x 768	60Hz

- Video Formats

Resolution	Refresh rate
640 x 480i	1Fh
640 x 480p	2Fh
720 x 576i	1Fh
720 x 576p	2Fh
1280 x 720p	3Fh
1920 x 1080i	2Fh

Sound
- Sound Enhancement: Smart Sound, Auto Volume Leveller, Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser
- Output power (RMS): 2 x 15W
- Sound System: Virtual Dolby Digital

Loudspeakers
- Built-in speakers: 2

Convenience
- Ease of Installation: Autostore, PLL Digital Tuning, Plug & Play, Automatic Tuning System (ATS)
- Ease of Use: On Screen Display, Side Control, Smart Picture Control, Channel list, Smart Sound Control, Delta Volume per preset
- Remote control type: RC4345/01
- Picture in Picture: HDMI-Component PIP
- Remote Control: Amp, DVD-R, Multi-functional, Sat, VCR, DVD
- Screen Format Adjustments: 7 Widescreen Modes, Auto Format, Subtitle and Heading Shift
- Child Protection: Child Lock+Parental Control
- Clock: Smart Clock
- Teletext: Closed Captioning Full Text

Multimedia Applications
- Digital Content Management: Digital Media Reader
- Multimedia connections: USB memory class device
- Playback Formats: JPEG Still pictures, MP3, Slideshow files (.alb)

Tuner/Reception/Transmission
- TV system: ATSC, NTSC
- Video Playback: NTSC
- Aerial Input: 75 ohm F-type
- Cable: Digital Cable Ready CableCARD, Unscrambled Digital Cable -QAM

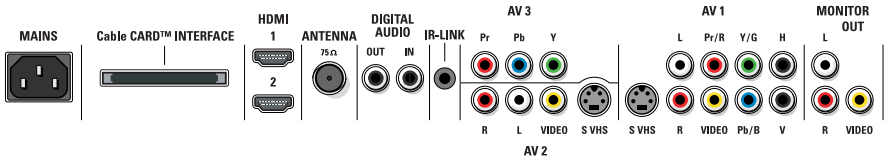
Connectivity
- Other connections: Cable Card Interface, Monitor out, CVBS, L/R (cinch), S/PDIF in (coaxial), S/PDIF out (coaxial)
- AV 1: Audio L/R in, CVBS in, RGB+H/V, S-Video Y/C, YPbPr, Component Video in, (1, 2, 3Fh autoranging), Y/C
- AV 2: Audio L/R in, CVBS, S-Video
- AV 3: S/PDIF digital coaxial, YPbPr, (1, 2, 3Fh autoranging)
- AV 4: HDMI
- AV 5: HDMI
- Front / Side connections: Audio L/R in, CVBS in, Headphone out, S-video in, USB 1.1

Power
- Power consumption: 470 W
- Standby power consumption: < 2 W
- Mains power: AC 100 - 240 V, 50/60 Hz
- Ambient temperature: 5 °C to 40 °C

Dimensions
- Product dimension (WxDxH) inch: 4.1x30.7x55.7 inch
- Product weight: 50 kg
- Product weight (lb): 132.3
- Weight incl. Packaging: 64 kg
- Set dimensions (W x H x D): 1415 x 780 x 104 mm
- Color cabinet: Pearl White Silver
- VESA wall mount compatible: 800 x 400 mm

Accessories
- Included Accessories: Table top stand

Rear connectors



Side connectors

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Product highlights

Plasma WXGA panel, 1366 x 768p
This state-of-the-art plasma screen technology gives you widescreen HD resolution of up to 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures in with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

Digital Cable Ready
The CableCARD is a removable card distributed by the cable providers that is inserted in the TV. This enables the "Plug-and-Play DTV" functionality as agreed between cable operators and consumer electronics manufacturers. It allows the decoding of encrypted or scrambled content delivered from the cable system. CableCARD functionality includes conditional access and copy protection. A CableCARD-enabled television without a CableCARD inserted receives high-definition standard TV broadcasts. When a CableCARD is inserted, the television receives high-value high-definition, cable programming.

HDTV
HDTV delivers exceptional picture quality and real movie-viewing experience that makes television more dynamic, truer than anything you've seen before. It is the latest and best television signal available. It features picture quality more than twice that of traditional analog broadcasts. In order to effectively maximize the HDTV signal, a television must incorporate advanced signal input connectivity and circuitry design.

Pixel Plus
Pixel Plus is a digital picture processing technology that increases the number of lines and the number of pixels. The result is razor sharp pictures with incredible detail and depth, every time from any source.

Progressive Scan
Progressive Scan doubles the vertical resolution of the image resulting in a noticeably sharper picture. Instead of sending a field comprising the odd lines to the screen first, followed by the field with the even lines, both fields are written at one time. A full image is created instantaneously, using the maximum resolution. At such a speed, your eye perceives a sharper picture with no line structure.

Bypacked tabletop stand
A table-top stand with matching design is packed with the set.

Plug & Play
Plug & Play gives you the ability to install or add a new component and have it work without having to perform any complex installation procedure or technical analysis.

USB Multimedia Connector
The USB connector allows access to multimedia jpg, mp3 and alb files of most USB-sticks and most digital cameras (USB 1.1 memory-class device). Plug the USB into the slot at the side of the TV and access your photos or music files. This makes you easily viewing and sharing your photos and music.

HDMI input
HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.

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